

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

# **NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599 www.miamidade.gov/economy

RC Home Showcase, Inc. 2970 NW 75<sup>th</sup> Avenue Miami, FL 33122

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "CM075" Outswing Aluminum Casement Window - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **W10-44**, titled "Series CM075 Aluminum Casement Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 07/06/10, with revision C dated 09/17/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

# MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 14-0128.09 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMIDADE COUNTY
APPROVED

11/12/16

NOA No. 15-0416.01 Expiration Date: December 23, 2020 Approval Date: January 21, 2016 Page 1

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# RC Home Showcase, Inc.

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA No. 10-0811.13)
- 2. Drawing No. W10-44, titled "Series CM075 Aluminum Casement Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 07/06/10, with revision C dated 09/17/15, prepared by Al;-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

#### B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of a casement, projected and fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-6605, dated 04/18/12, signed and sealed by Marlin D. Brinson, P.E.

(Submitted under NOA No. 12-1003.03)

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a casement window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6190**, dated 05/11/10, signed and sealed by Jorge A. Causo, P.E.

(Submitte'd under NOA No. 10-0811.13)

# C. CALCULATIONS

- 1. Anchor verification calculations, structural and comparative analysis, complying with **FBC 5**<sup>th</sup> **Edition (2014)**, dated 11/25/13 and revised on 09/15/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies with ASTM E1300-09

# D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

Manuel Perez, P.E. Product Control Examiner NOA No. 15-0416.01

Expiration Date: December 23, 2020 Approval Date: January 21, 2016

## RC Home Showcase, Inc.

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 14-0916.10 issued to Kuraray America, Inc. for their "Butacite® PVB Glass Interlayer" dated 04/25/15, expiring on 12/11/16.

## F. STATEMENTS

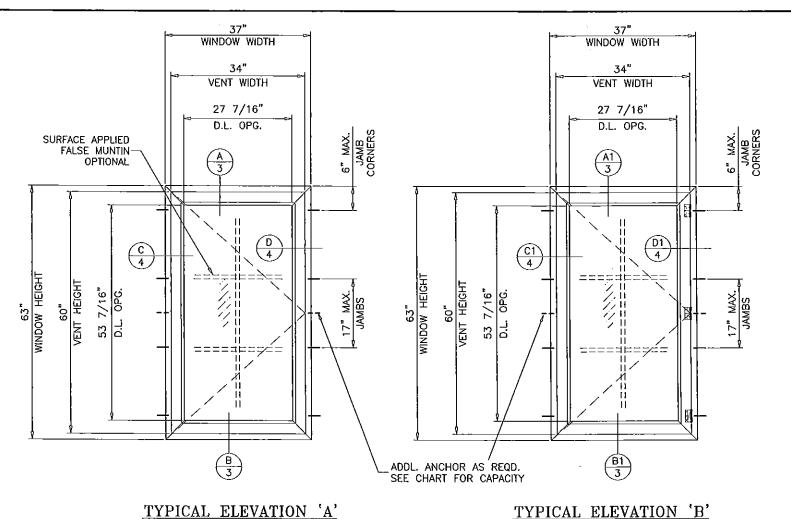
- 1. Statement letter of conformance, complying with the FBC-5<sup>th</sup> Edition (2014, and of no financial interest, dated April 02, 2014, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (Submitted under prévious NOA No. 14-0128.09)
- 2. Laboratory compliance letter for Test Report No. FTL-6605, issued by Fenestration Testing Laboratory, Inc., dated 04/18/12, signed and sealed by Marlin D. Brinson, P.E. (Submitted under NOA No. 12-1003.03)
- 3. Laboratory compliance letter for Test Report No. FTL-6190, issued by Fenestration Testing Laboratory, Inc., dated 05/11/10, signed and sealed by Jorge A. Causo, P.E. (Submitted under NOA No. 10-0811.13)
- 4. Proposal issued by Product Control, dated 09/30/11, with the latest revision, dated 12/19/11, signed by Jaime D. Gascon, P.E. (Submitted under previous NOA No. 14-0128.09)

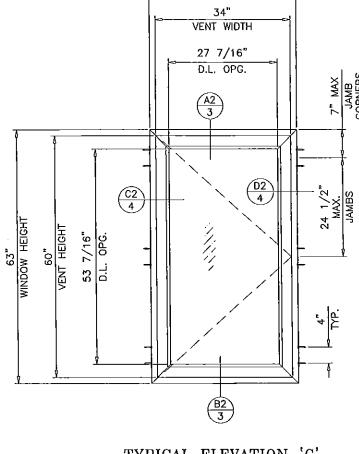
#### G. OTHERS

1. Notice of Acceptance No. 14-0128.09, issued to R.C. Home Showcase, Inc. for their Series "CM075" Outswing Aluminum Casement Window – L.M.I., approved on 04/16/14 and expiring on 12/23/15.

Manuel Perez, P.E.
Product Contro Examiner
NOA No. 15-0416.01

Expiration Date: December 23, 2020 Approval Date: January 21, 2016





37" WINDOW WIDTH

# TYPICAL ELEVATION 'C' CONCEALED SCISSOR HINGES

**BUTT HINGES** 

ANCHORS THRU FRAME ADAPTERS

CONCEALED SCISSOR HINGES ANCHORS DIRECTLY THRU FRAME

**BUTT HINGES** ANCHORS DIRECTLY THRU FRAME

### SERIES CM075 ALUMINUM CASEMENT WINDOW

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF CASEMENT/CASEMENT OR CASEMENT WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

> Engr: JAVAD AHMAD CIVIL FLA. PE # 170592 C.A.N. 3538

PRODUCT REVISED as complying with the Florida **Building Code** 

By Waynes Joseph Miami/Dade Product Control

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RC HOME SHOWCASE, IN 2970 N.W. 75TH AVENUE MIAMI, FL. 33122 TEL. (305) 392-6214 FAY (77)

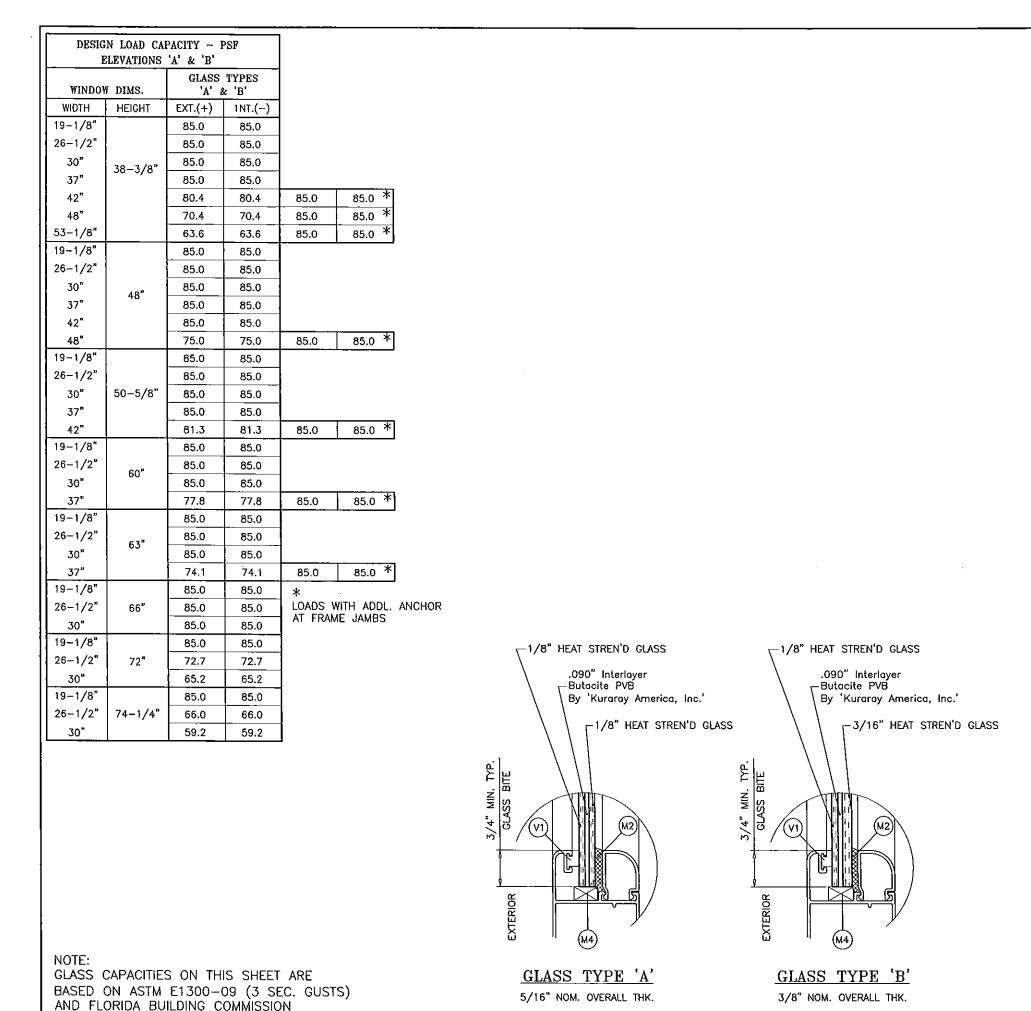
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AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT

SEP **1/8** 2015

Acceptance No 15-0416. Expiration Date Dec. 23

sheet 1 of 6



DECLARATORY STATEMENT DCA05-DEC-219

GLASS TYPES 'A' & 'B' 3/8" MAX. SHIM 1/2" MAX. SHIM WINDOW DIMS. WIDTH HEIGHT EXT.(+)1NT.(-)EXT.(+)1NT.(-) 19-1/8 85.0 85.0 85.0 85.0 26-1/2" 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0 30" 38-3/8" 85.0 37" 85.0 85.0 85.0 42" 85.0 85.0 85.0 85.0 48" 85.0 85.0 85.0 85.0 53-1/8" 85.0 85.0 85.0 85.0 19-1/8 85.0 85.0 85.0 85.0 26-1/2 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0 30" 48" 37" 85.0 85.0 85.0 85.0 42" 85.0 85.0 85.0 85.0 48" 85.0 85.0 81.2 81.2 19-1/8" 85.0 85.0 85.0 85.0 26-1/2" 85.0 85.0 85.0 85.0 50-5/8" 85.0 85.0 85.0 85.0 30" 37" 85.0 85.0 85.0 85.0 SERIES CM075 ALUMINUM CASEMENT W
RC HOME SHOWCASE, IN
2970 N.W. 75TH AVENUE
MIAMI, FL. 33122
TEL (305) 20 42" 85.0 85.0 85.0 85.0 19-1/8" 85.0 85.0 85.0 85.0 26-1/2" 85.0 85.0 85.0 30" 85.0 85.0 85.0 85.0 85.0 85.0 84.3 84.3 37" 19-1/8 85.0 85.0 85.0 85.0 26-1/2" 85.0 85.0 85.0 85.0 85.0 85.0 30" 85.0 85.0 37" 85.0 85.0 85.0 85.0 19-1/8 85.0 85.0 85.0 85.0 26-1/2" 85.0 85.0 85.0 85.0 30" 85.0 85.0 85.0 85.0 19-1/8" 85.0 85.0 85.0 85.0 26-1/2" 72.7 72.7 72.7 72" 72.7 30" 65.2 65.2 65.2 65.2 19-1/8 85.0 85.0 85.0 85.0 26-1/2" 74-1/4" 66.0 66.0 66.0 66.0

59.2

59.2

DESIGN LOAD CAPACITY - PSF

ELEVATION 'C'

Engr: JAVAD AHMAD CIVIE FLA. PE # 70592 C.A.N. 3538

30"

PRODUCT REVISED as complying with the Florida **Building Code** 

Building Code
Acceptance No 15-CA16.0 |
Expiration Date Dec. 23, 2020

By Manuel Teres

59.2

59.2

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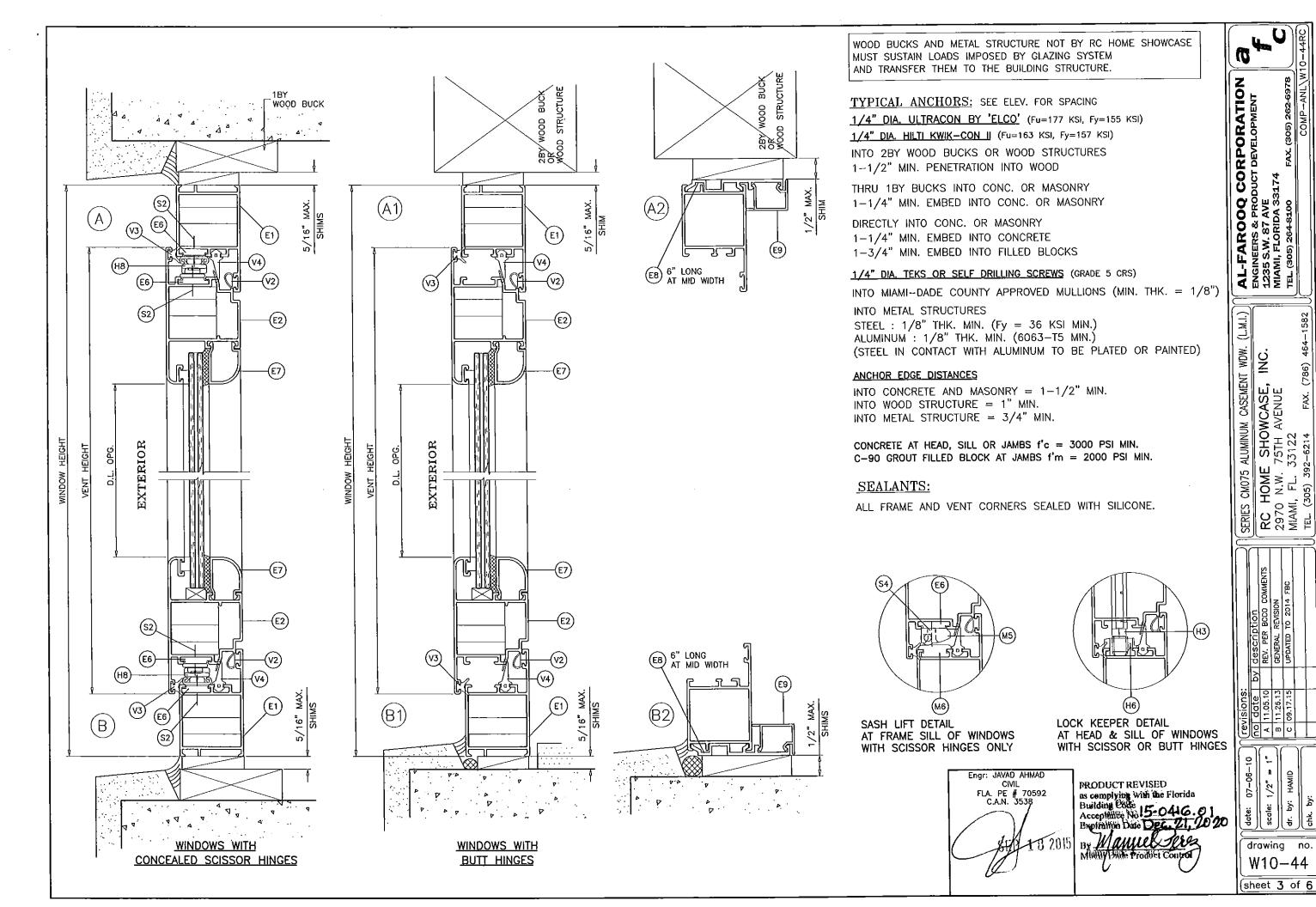
CORPORATION

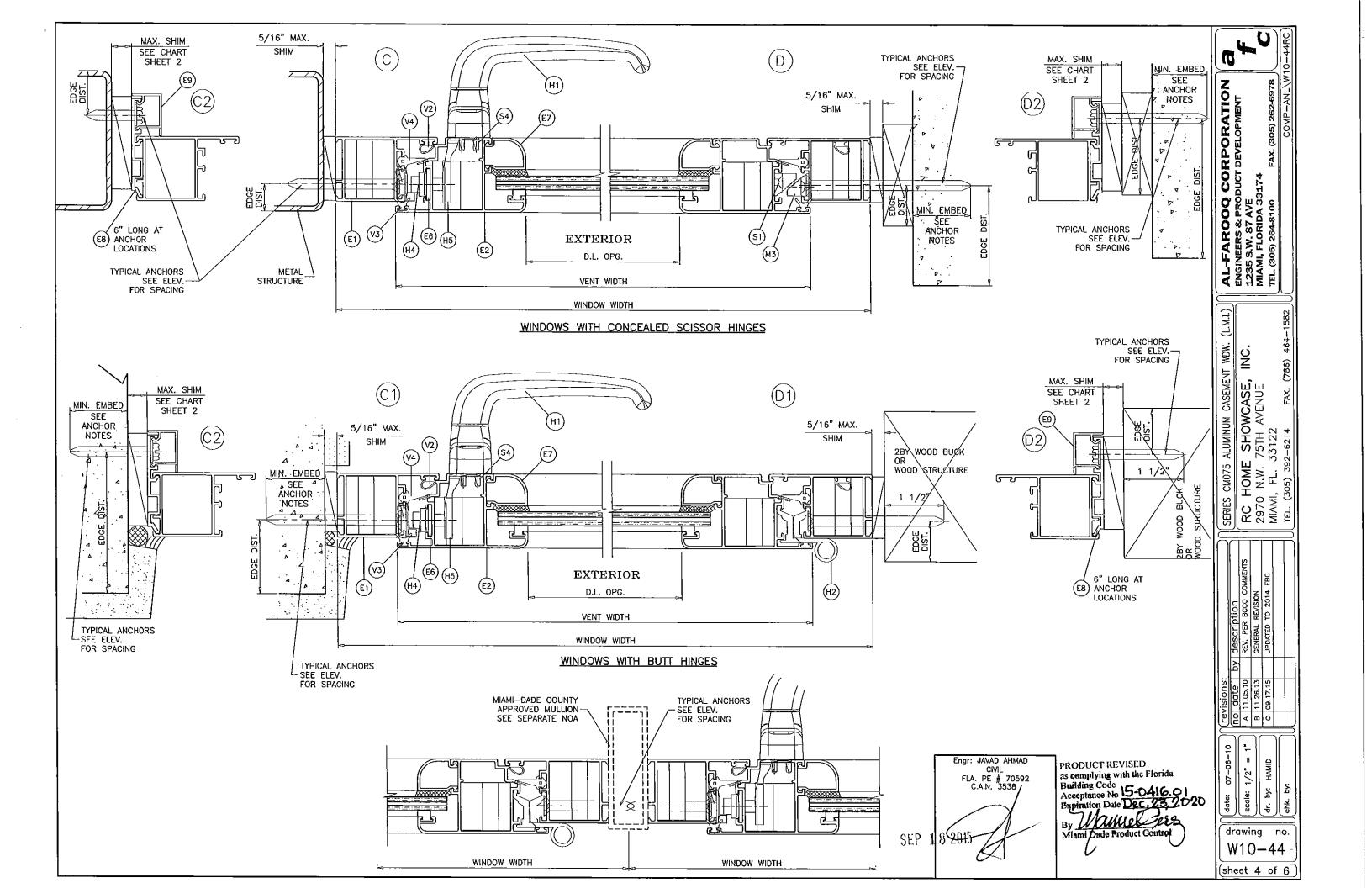
DEVELOPMENT

AL-FAROOQ COF ENGINEERS & PRODUCT I 1235 S.W. 87 AVE MIAMI, FLORIDA 33174 TEL. (305) 2648100

W10-44sheet 2 of 6

**GLAZING OPTIONS** 





# LOCKS:

SURFACE MOUNT METALLIC 8 POINT LOCK SYSTEM WITH ACTIVATING LEVER TYPE HANDLE AT 30" FROM BOTTOM FASTENED WITH (4) #10-24 X 3/4" OH MS

SURFACE MOUNT KEEPERS FACING LOCKING POINTS (6) METALLIC KEEPERS AT FRAME JAMB FASTENED WITH (1) #10-32 X 3/8" SOCKET SET SCREW (1) PLASTIC KEEPER AT FRAME HEAD AND SILL FASTENED WITH (2) #10-32 X 3/8" SOCKET SET SCREW

# HINGES;

3-5/8" LONG TWO PIECE METALLIC LIFT OFF HINGES 3 PER VENT LOCATED AT 6" FROM EACH END & AT MIDSPAN FASTENED TO FRAME AND VENT WITH (2) #10-24 X 3/8" OH MS.

# OPTION #2:

SURFACE MOUNT METALLIC FOUR BAR HINGES BY 'ANDERBERG' FASTENED TO FRAME WITH (4) #8-32 X 3/4" PH MS FASTENED TO VENT WITH (3) #8-32 X 3/4" PH MS

SNUBBERS: REQD. AT WINDOWS WITH 4 BAR HINGES (6) SURFACE MOUNT PLASTIC ANTI BLOW OUT CLIPS LOCATED AT 15-1/2" FROM ENDS AND AT MIDSPAN FASTENED TO FRAME AND VENT WITH (2) #6 X 3/8" PH SMS

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	CM075-001	4	FRAME HEAD/ SILL/ JAMBS 3709 FISA	6063-T6	-
E2	CM075-002	4	VENT HEAD/ SILL/ JAMBS 3707 FISA	6063-T6	_
E.3	CM075-007	AS REQD.	FRAME & VENT CORNER LOCK MALE 3550 FISA	6063~T6	
E4	CM075-004	AS REQD.	FRAME & VENT CORNER LOCK 3551 FISA	6063-T6	
E5	CM075-005	AS REQD.	FRAME & VENT CORNER LOCK ADAPTOR 1338	6063-T6	_
E6	CM075-006	AS REQD.	LOCK PLATE 3771 FISA	ALUMINUM	
E7	FX075-003	4	GLAZING BEAD	6063-T6	_
E8	FX075-001	AS REQD.	INSTALLATION FRAME ADAPTER, 6" LONG	6063-T6	
E9	500Y-010	AS REQD.	SNAP COVER	6063-T6	_
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V1	V-101	AS REQD.	SQUARE VINYL TPE MELTPOINT, DUROMETER 70±5	TPE	MELTPOINT
V2	V-108	AS REQD.	TEAR VINYL INSIDE VENT, DUROMETER 65±5	EPDM	TREMCO
V3	V-033	AS REQD.	COMPRESSION "V" GASKET, SPONGE	NEOPRENE	TREMCO
V4	V-104	AS REQD.	FRAME FLAPPY VINYL PART-C040621, DUROMETER 65±5	EPDM	TREMCO
М1	DOW- 791	AS REQD.	WHITE SILICONE FOR ASSEMBLY	-	-
М2	DOW- 791	AS REQD.	BLACK SILICONE FOR GLAZING	_	-
М3	12206	AS REQD.	SNUBBERS	_	
М4		2/ LITE	1/4" X 1/2" X 4" LONG T.P.E. SETTING BLOCK	EPDM	DUROMETER 80±5 SHORE A
М5	SR01-7500-51	AS REQD.	1/2" SASH UFT WHITE	-	_
M6	P-055	2/ WDW.	CAM	PLASTIC	M & M PLASTICS
S1		2/ SNUBBER	<u> </u>	ST/ST	
S2		6/ HINGE	#10 X 1/2" LG. PH. THREAD CUTTING POINT "F"	ST/ST	AT 4 BAR HINGES
S3		1/ CAM	#8-32 X 3/4" LG. FH. THREAD CUTTING POINT "F"	ST/ST	
S4		4/ CROO	#8-32 X 3/4" LG. FH. THREAD CUTTING POINT "F"	ST/ST	-
S5 	ļ	1/ CORNER	5/16" ø-18 X 1/2" LG. SET SOCKET HEAD SCREW	ST/ST	
H1	CR0115-7D	AS REQD.	HANDLE EXTERIOR COLOR WHITE		
H2	B1021512T7	AS REQD.	HINGES RAPID 2T NON-CORROSION RIGHT HAND		
Н3	ED0018	AS REQD.	DOUBLE POINT MEETING LOCKING	-	
H4	KT005	AS REQD.	LOCK POINT NON-CENTER		
H5	KT00311	AS REQD.	KIT ALUMINUM EXTERIOR OPENING		<b>-</b> ,
H6	TR0018	AS REQD.	END PLATE LOCK POINT ADJUSTABLE	<u> </u>	
H7	KT0022	AS REQD.	LOCK POINT NON-CENTER 6.5 MM. HEIGHT + SCREW		-
H8	35.09.00.100	AS REQD.	12" 4-BAR HINGES	ST/ST	TRUTH HARDWARE
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CIVIL FLA. PE # 70592 C.A.N. 3538 /

PRODUCT REVISED as complying with the Florida
Building Code
Acceptance No
Expiration Date
Dec. 23, 2020

By
Miam Dade Product Control

07-06-10 1/2" = HAMID scale: 1, dr. by: 1 chk. by:

**AL-FAROOQ CORPORATION**ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100
FAX. (305) 262-6978

SERIES CM075 ALUMINUM CASEMENT WDW. (L RC HOME SHOWCASE, INC. 2970 N.W. 75TH AVENUE MIAMI, FL. 33122 TEL (305) 392-6214 FAX. (786) 464-1

drawing no. W10-44sheet 5 of 6

